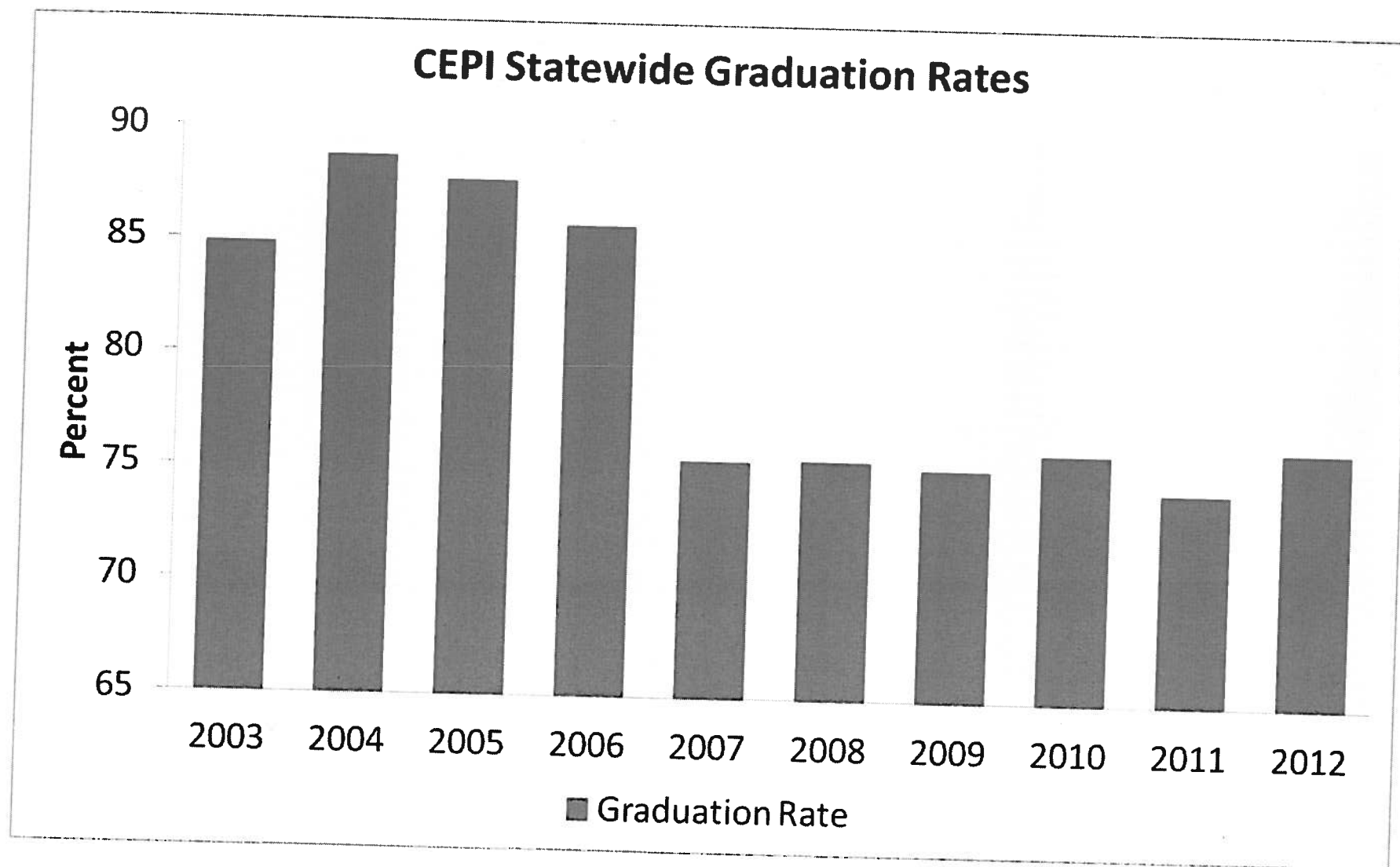
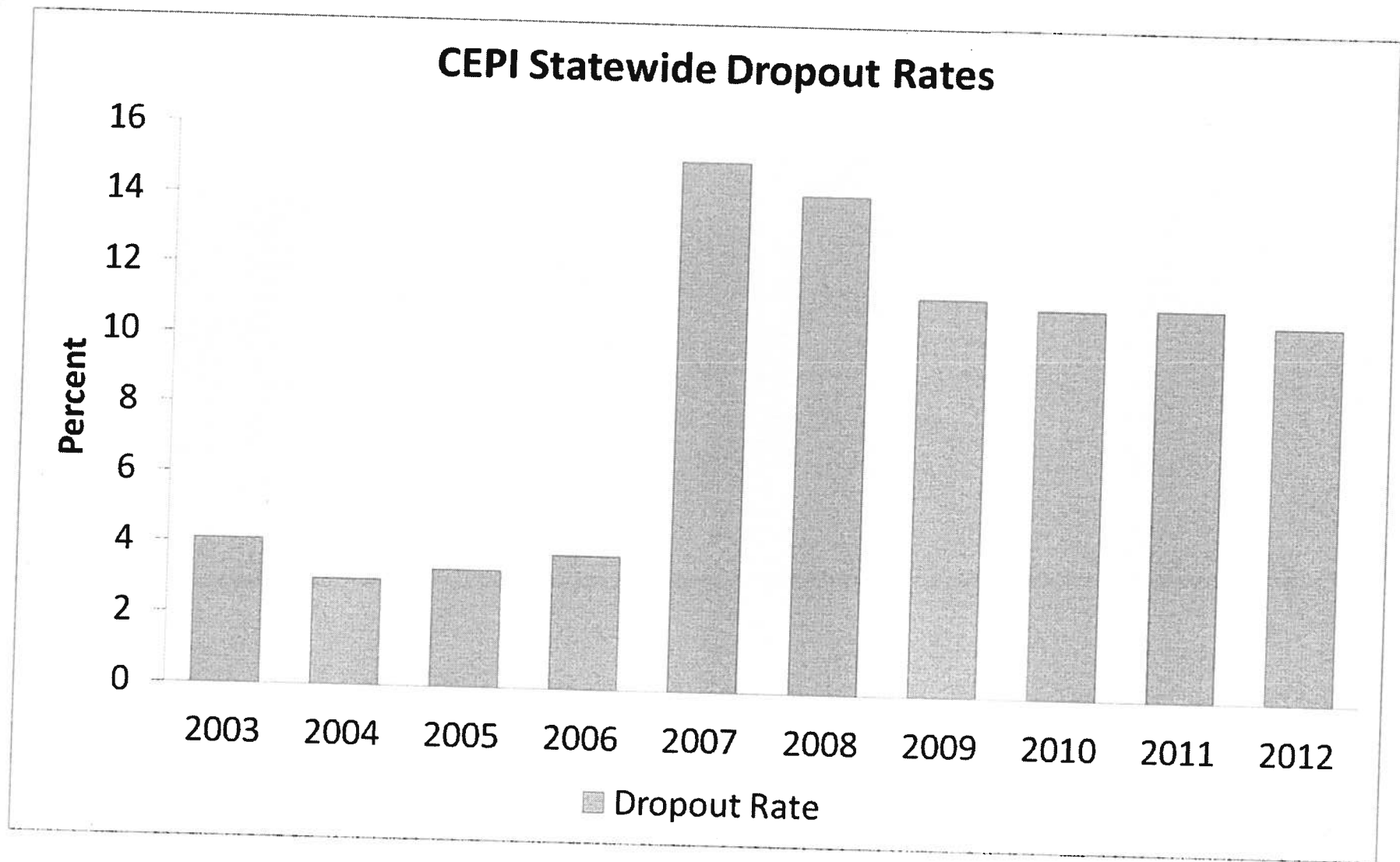


HOUSE BILL No. 4465



10.9% decrease

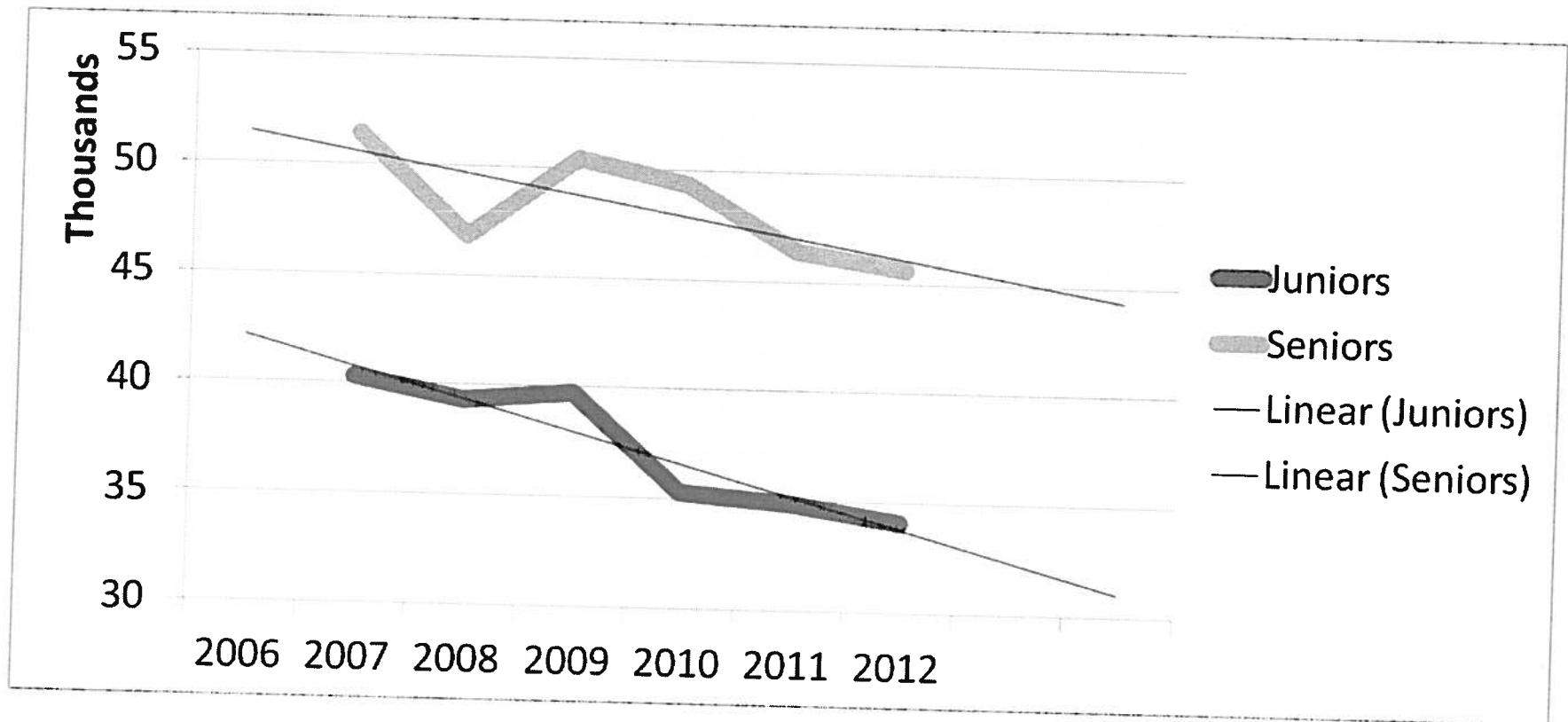
http://www.michigan.gov/cepi/0,4546,7-113-21423_30451_51357---,00.html



8.56% Increase

http://www.michigan.gov/cepi/0,4546,7-113-21423_30451_51357---,00.html

CTE Statewide Enrollment Trends



15.35% decrease CTE Juniors
11.22% decrease CTE Seniors

<http://www.cteisreports.com>

- **Region 2 – Program Completers**

2006 – 1033

2007 - 908

2008 - 992

2009 - 549

2010 - 358

2011 - 375

- Region 2 – Attending College/University

2006 – 69.7%

2007 – 76.1%

2008 – 76.0%

2009 – 74.9%

2010 – 74.9%

2011 – 79.7%

What is Going to Happen?

- Sec. 1278a(2) Beginning with pupils entering grade 3 in 2006, the board of a school district or board of directors of a public school academy shall not award a high school diploma to a pupil unless the pupil has successfully completed during grades 9 to 12 at least 2 credits of a foreign language.

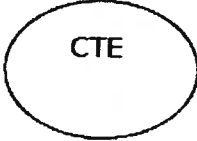
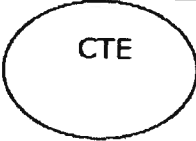
MMC Scheduling

Q: Will the Michigan Merit Curriculum requirements impact the scheduling of regional Career and Technical Education (CTE) programs?

A: No. However, forward planning will be key. Students who wish to participate in regional Career and Technical programs should be able to schedule these for a full two-year sequence. Generally, students need one-half of the 6-period day (or three hours) for class instructional time and travel time to and from a center.

SAMPLE CTE STUDENT SCHEDULES

Career and Technical Education

	Grade 9	Grade 10	Grade 11	Grade 12
Period 1	English 9	English 10	English 11	English 12
Period 2	Algebra 1	Geometry	Algebra II	Math-Related
Period 3	World History & Geography	US History & Geography	Gov/Econ	Science
Period 4	Biology	Chemistry		
Period 5	Health/PE	Visual, Performing, and Applied Arts (VPAA)		
Period 6	Language Other Than English	Language Other Than English		

- **FutureMark**

- 80% maintenance force expected to retire in the next 6yrs.
- 16 current openings
- Willing to accept apprentice students
- CTE enrollments prohibitive

Local Industry

Michigan Merit Curriculum High School Graduation Requirements

MATHEMATICS - 4 Credits

Algebra I
Algebra II

Geometry
One math course in final year of high school

ENGLISH LANGUAGE ARTS - 4 Credits

English Language Arts 9
English Language Arts 10

English Language Arts 11
English Language Arts 12

SCIENCE - 3 Credits

Biology
Physics or Chemistry

One additional science credit

SOCIAL STUDIES - 3 Credits

.5 credit in Civics
U.S. History and Geography

.5 credit in Economics
World History and Geography

PHYSICAL EDUCATION & HEALTH - 1 Credit

VISUAL, PERFORMING AND APPLIED ARTS - 1 Credit

ONLINE LEARNING EXPERIENCE

Course, Learning or Integrated Learning Experience

LANGUAGE OTHER THAN ENGLISH - 2 Credits

In grades 9-12; OR an equivalent learning experience in grades K-12 effective for students entering third grade in 2006 (Class 2016)

Massive Loss of Elective Courses

Chassel – Academic State Champion

West Iron County – Music Hits

NICE – Wood Shop Closed

- Personal Curriculum

- The PC is a process to modify specific credit requirements and/or content expectations based on the individual learning needs of a student. It is designed to serve students who want to accelerate or go beyond the MMC requirements and students who need to individualize learning requirements to meet the MMC requirements.
- http://www.michigan.gov/documents/mde/PC_Guide_Final_5_12_09_277958_7.pdf

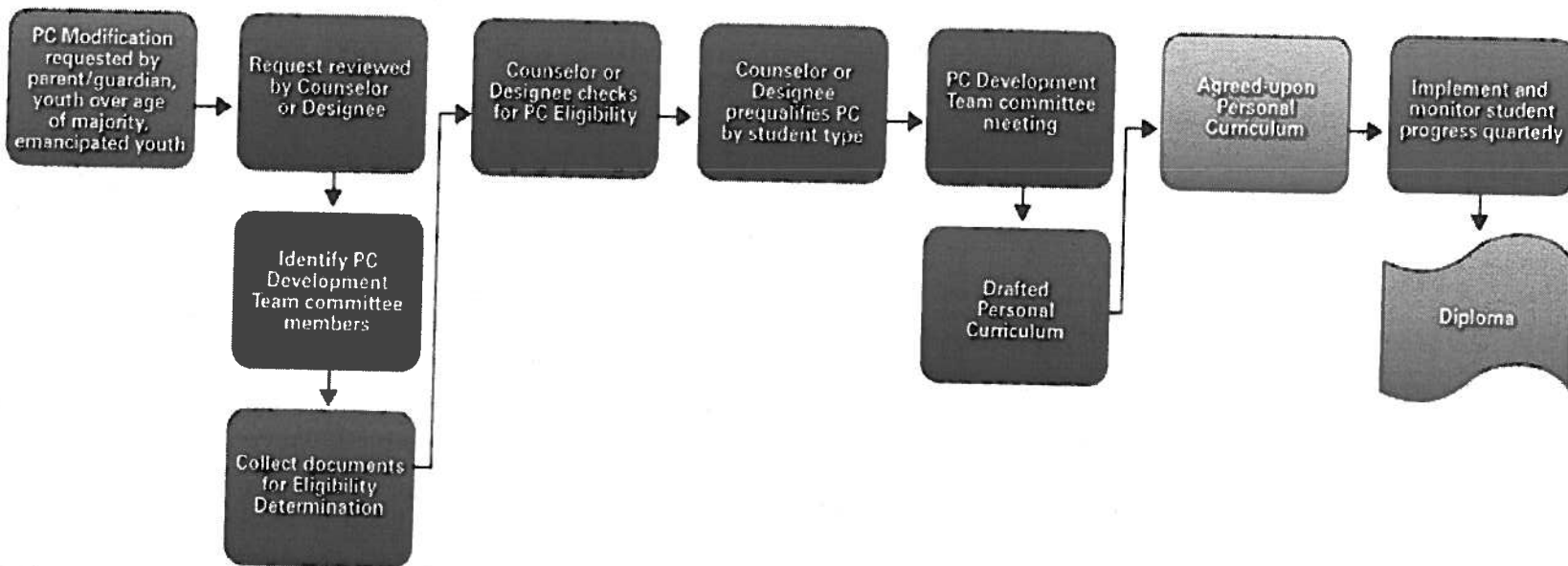
Michigan Merit Curriculum: Personal Curriculum Process

Request

Meet & Develop

Agree & Sign

*Implement,
Monitor
& Diploma*



A personal curriculum may be developed to address the needs of an individual student for one of four reasons:

- A student demonstrates need for modification to the Algebra II requirement of the MMC. The student must complete 1.5 credits of math aligned to the high school mathematics content expectations before requesting a PC to modify the Algebra II requirement.
- A student with an IEP demonstrates need for modification to the MMC within the area(s) of his/her disability.
- A student who transfers from a school outside of Michigan or from a non-public school to a public high school after completing the equivalent of two years of high school demonstrates need for modification to the MMC based on previous academic experience.
- A student demonstrates need to modify Social Studies, PE/Health, and/or Visual, Performing, and Applied Arts in order to take credits beyond those required in the areas of Math, English Language Arts, Science, and/or World Languages. The student must earn 2 credits in Social Studies, including 0.5 credit in Civics before requesting a PC to modify the Social Studies requirement.

53.4%

Find

Expectations for Success on the Michigan Merit Exam

The content expectations listed below are those that MAY be assessed on the MME, and thus represent content knowledge and skill that should be taught before students take the MME.

ELA	Mathematics			Science		Social Studies	
41 of 91 (45%) of Total ELA MSCE	117 of 161 (73%) of Total Mathematics MSCE			191 Essential Science MSCE 63% of Required (w/EP) 58% of Required (w/EC)		137 of 230 (60%) of Total Social Studies MSCE	
Strand 1	Algebra 1 (A1)	Geometry (G)	Algebra 2 (A2)	Earth Science (E)	Physics (P)	WWG (W)	Civics (C)
Standard 1.1	Standard L1	Standard L1	Standard L1	Standard E1	Standard P1	Era 4	Standard C1
CE 1.1.1	L1.1.1-5	L1.1.6	L1.2.1	E1.1 A-E	FL1 A-E	W4.1.2	C1.1.1-2
CE 1.1.2	L1.2.2	L1.2.3	Standard L2	E1.2 A-E	P1.2 A-E	W4.1.3	C1.2.1-2
CE 1.1.3	L1.2.4	Standard L2	L2.1.5	Standard E2	Standard P2	W4.2.1-3	Standard C2
CE 1.1.4	Standard L2	L2.3.1	Standard A1	P2.1 A-F	E2.1 A-C	W4.3.1	C2.1.1-3
CE 1.1.5	L2.1.1	Standard L3	Al1.1.1	P2.2 A-D	E2.2 A-D	W4.3.3	C2.2.1
CE 1.1.6	L2.1.2	L3.1.1	Al1.1.4	Standard P3	Standard P3	Era 5	Standard C3
CE 1.1.7	L2.1.4	L3.1.2	Al1.1.5	P3.1 A	W5.1.2	W5.1.2	C3.1.1-4
Standard 1.3	Standard A1	L3.1.3	Al1.1.6	E2.4 A, B	P3.2 A-C	W5.2.1	C3.1.6
CE 1.3.1	Al1.1.1-3	L3.2.1	Al1.2.2	Standard E3	P3.3 A	W5.2.2	C3.2.1
CE 1.3.2	Al1.2.1-4	L3.2.2	Al1.2.5	E3.1 A, B	P3.4 A-D	W5.3.1-4	C3.2.3
CE 1.3.3	Al1.2.5	L3.2.3	Al1.2.7	E3.2 A-C	P3.6 A-C	Era 6	C3.3.1-3
CE 1.3.4	Al1.2.6	L3.2.4	Al1.2.8	E3.3 A-C	P3.7 A, B	W6.1.1-5	C3.3.5
CE 1.3.5	Standard A2	L3.3.1	Al1.2.9	E3.4 A-C	Standard P4	W6.2.1-4	C3.4.1-4
CE 1.3.6	Standard 1.4	A2.1.1-7	Standard A2	Standard E4	P4.1 A, B	W6.3.1-3	C3.5.1-4
CE 1.4.3	A2.2.1-3	L3.3.2	A2.1.1	E4.1 A-C	P4.2 A-D	Era 7	Standard C4
CE 1.4.4	A2.3.1-3	L3.3.3	A2.1.2	E4.2 A, B	P4.3 A-C	W7.1.1-3	C4.1.1-2
CE 1.4.5	A2.4.1-3	Standard G1	A2.1.3	E4.3 A-F	P4.4 A-C	W7.2.1-3	C4.2.1
Strand 2	Standard A3	G1.1.1	A2.1.6	Standard E5	P4.5 A-E	W7.3.1-4	C4.2.4
Standard 2.1	A3.1.1	G1.1.2	A2.1.7	E5.1 A	P4.6 A-D	W8.1.1	Standard C5
CE 2.1.1	A3.1.2	G1.1.3	A2.2.1	E5.2 A-C	P4.8 A, B	W8.1.2	C5.1.1
CE 2.1.2	A3.1.3	G1.1.4	A2.2.2	E5.3 A-D	P4.9 A-C	W8.1.4	C5.2.1-2
CE 2.1.3	A3.1.4	G1.1.5	A2.2.3	E5.4 A-D	P4.10 A-D	W8.2.1	C5.3.1-4
CE 2.1.4	A3.2.1	G1.2.1	A2.3.1	55 Total	P4.12 A-C	W8.2.3	C5.3.7
CE 2.1.5	A3.2.4	G1.2.2	A2.3.3	45 w/o 1.1 and 1.2	67 Total	41 Total	C5.4.1
CE 2.1.6	A3.2.5	G1.2.3	A2.4.1		97 w/o 1.1 and 1.2		C5.5.1-2
CE 2.1.7	A3.3.1	G1.2.4	A2.4.2				
Standard 2.2	A3.3.2	G1.2.5	A2.4.3				
CE 2.2.1	A3.3.3	G1.3.1	Standard A3				
CE 2.2.2	A3.3.4	G1.3.2	A3.6.1	Biology (B)	Chemistry (C)	USHG (U)	Economics (E)
CE 2.2.3	A3.3.5	G1.3.3	A3.6.2	Standard B1	Standard C1	Era 6	Standard E1
CE 2.2.4	A3.4.1	G1.4.1	26 Total	B1.1 A-E	C1.1 A-E	U6.1.1-5	E1.1.1
CE 2.2.5	A3.4.2	G1.4.2	10 new in A2	B1.2 A-E	C1.2 A-E	U6.2.1-4	E1.1.2
CE 2.2.6	A3.4.3	G1.4.3	16 already listed in A1, or G	Standard B2	Standard C2	U6.3.2	E1.1.3
Standard 2.3	A3.5.1	G1.4.4		B2.1 A-C	Standard C3	U6.3.3	E1.2.1-3
CE 2.3.1	A3.5.2	G1.5.1		B2.2 A-E	C2.2 A, B	Era 7	E1.2.4
CE 2.3.2	A3.5.3	G1.5.2		B2.3 A-C	Standard C4	U7.1.1-3	Standard E2
CE 2.3.3	Standard S2	Standard G2		B2.4 A-C	C3.1 A, B	U7.2.1-4	E2.1.1
CE 2.3.4	S2.1.1	G2.1.1		B2.5 A-D	C3.4 A, B	Era 8	E2.1.4
CE 2.3.5	S2.1.2	G2.1.2		Standard B3	Standard C4	U8.1.1	E2.1.6
CE 2.3.6	S2.1.3	G2.1.3		B3.1 A-D	C4.1 A, B	U8.1.2	E2.1.9
CE 2.3.7	S2.1.4	G2.2.1		B3.2 A-C	C4.2 A, B	U8.2.1	E2.2.1
CE 2.3.8	S2.2.1	G2.2.2		B3.3 A	C4.3 A-D	U8.2.2	E2.2.3-5
CE 2.3.9	S2.2.2	G2.3.1		B3.4 A-C	C4.4 A, B	U8.2.4	Standard E3
Standard 3.2	S2.2.2	G2.3.2		B3.5 A-C	C4.5 A, B	U8.3.1	E3.1.2
CE 3.2.1	59 Total	G2.3.3		Standard B4	Standard C5	U8.3.2	E3.1.3
Strand 4		G2.3.4		B4.1 A, B	C5.1 A-C	U8.3.3	E3.1.6
Standard 4.1		G2.3.5		B4.2 A-E	C5.2 A-C	U8.3.4	E3.2.1
CE 4.1.1		Standard G3		B4.3 A-C	C5.3 A, B	Era 9	E3.2.2
CE 4.1.2		G3.1.1-3		Standard B5	C5.4 A, B	U9.1.1	E3.2.4
CE 4.1.3		G3.2.1		B5.1 A, B	C5.5 A, B	U9.1.2	E3.2.5
Standard 4.2		G3.2.2		B5.2 A-C	C5.6 A-C	U9.2.1	E3.2.6
CE 4.2.1		46 Total		57 Total w/ 1.1 and 1.2	42 Total	U9.2.2	23 Total
41 Total					92 w/o 1.1 and 1.2	30 Total	

